



Crop Weather Report

Issue: 07-31
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Monthly: Nov-Mar

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For the Week Ending:
Oct. 7, 2007

Weather Summary

For the week ending October 7th, highs were mostly in the 50s and 60s with lows mostly in the 20s and 30s. Albion had the high for the week of 86 degrees, and Wisdom had the low of 14 degrees. The state received above normal precipitation. Belgrade, Lewistown, and Billings set daily precipitation records on Sunday with 0.38, 0.37, and 0.72 of an inch, respectively. Also, Bozeman had 0.80 of an inch of moisture on Saturday from a record snowfall of 8.0 inches. Nye had the most accumulated moisture during the week at 2.11 inches. Topsoil moisture adequate and surplus, at 57 percent, is above last week's 40 percent and the five-year average of 44 percent but is below last year's 70 percent. Subsoil moisture adequate and surplus, at 32 percent, is above last week's 28 percent, last year's 31 percent, and the five-year average of 24 percent. There were 4.6 days suitable for fieldwork compared to 5.4 days the previous week.

The weather outlook for October 16th through October 22nd is for above normal temperatures and near normal precipitation both east and west of the continental divide. Normal temperatures for this period in Montana are highs in the mid 50s to the mid 60s and lows in the lower 20s to the upper 30s.

Soil Moisture & Fieldwork Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	7	22	6	23
Short	36	38	24	33
Adequate	53	38	66	42
Surplus	4	2	4	2
Subsoil Moisture				
Very Short	36	35	22	38
Short	32	37	47	38
Adequate	31	28	30	23
Surplus	1	0	1	1
Days Suitable for Fieldwork				
Days	4.6	5.4	5.4	5.7

Field Crops Report

Winter wheat seeding should be complete within the next couple of weeks. Thirty-nine percent of winter wheat has emerged, the same as the five-year average. Recent moisture should help with germination. Harvest of the specialty crops is nearly complete, and farmers have almost finished cutting corn for silage. Corn conditions are similar to last week and better than last year.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Planted				
Winter Wheat	82	69	82	85
Emerged				
Winter Wheat	39	18	29	39
Harvested				
Dry Beans	94	92	96	87
Safflower	93	87	88	n/a
Corn for Silage	99	93	91	88
Corn for Grain	9	7	4	n/a
Hay, Second Cutting				
All Other	94	93	98	95

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Corn				
Very Poor	1	0	1	n/a
Poor	2	1	1	n/a
Fair	6	11	11	n/a
Good	73	73	50	n/a
Excellent	18	15	37	n/a

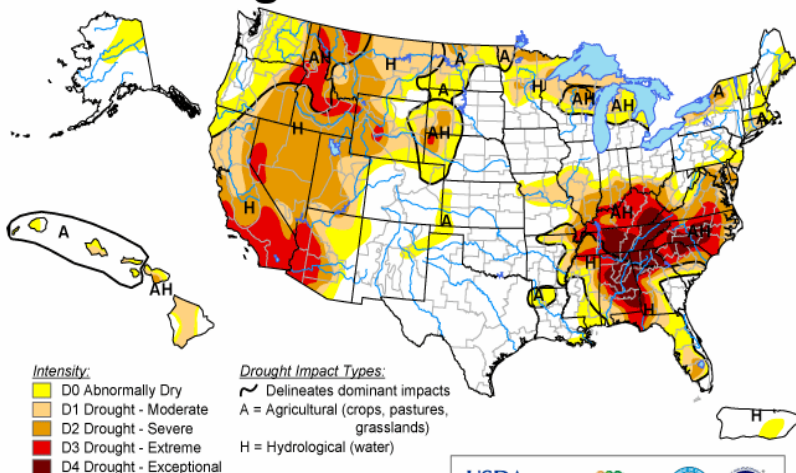
Livestock Report

Ranchers have moved 39 percent of cattle and 38 percent of sheep from summer pastures. Three percent of livestock are receiving supplemental feed. Range and pasture feed conditions are better than last year and the five-year average.

Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	17	13	17	22
Poor	22	22	24	26
Fair	35	36	41	33
Good	23	27	17	17
Excellent	3	2	1	2
Moved From Summer Ranges				
Cattle and Calves	39	35	55	53
Sheep and Lambs	38	35	45	51
Receiving Supplemental Feed				
Cattle and Calves	3	n/a	n/a	n/a
Sheep and Lambs	3	n/a	n/a	n/a

U.S. Drought Monitor

October 2, 2007
Valid 8 a.m. EDT



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://drought.unl.edu/dm>



Released Thursday, October 4, 2007

Author: Jay Lawrimore/Liz Love-Brotak, NOAA/NESDIS/NCDC

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberston	61	27	46	0	-13	0.55	+0.34	7.14	-0.82	90	0.55	+0.34	262
Anaconda	55	25	40	0	-8	0.59	+0.31	11.45	+0.89	108	0.59	+0.31	211
Clinton	55	26	42	0	-13	0.48	+0.27	9.77	+1.81	123	0.48	+0.27	229
Corvallis	57	27	44	0	-12	0.26	+0.05	5.82	-1.93	75	0.26	+0.05	124
Creston	53	34	45	0	-9	0.15	-0.15	7.06	-4.95	59	0.15	-0.15	50
Deer Lodge	56	21	40	0	-6	0.42	+0.24	8.34	+0.33	104	0.42	+0.24	233
Drummond	55	22	42	0	-11	0.42	+0.21	9.45	+0.74	108	0.42	+0.21	200
Hamilton	61	29	47	4	-8	0.23	+0.02	6.29	-1.46	81	0.23	+0.02	110
Kalispell	59	34	49	4	-6	0.53	+0.32	6.82	-2.35	74	0.53	+0.32	252
Missoula	63	35	48	6	-7	0.19	-0.02	5.82	-2.14	73	0.19	-0.02	90
Olney	54	23	41	0	-7	0.93	+0.65	5.67	-5.30	52	0.93	+0.65	332
Polson	55	36	46	0	-17	0.26	-0.02	9.11	-1.23	88	0.26	-0.02	93
St Ignatius	55	36	46	1	-14	0.24	-0.04	8.60	-2.10	80	0.24	-0.04	86
Seeley Lake	60	33	46	0	-9	0.48	+0.20	6.68	-2.85	70	0.48	+0.20	171
Sula	56	24	43	0	-7	0.63	+0.35	10.77	+0.52	105	0.63	+0.35	225
Superior	62	32	46	2	-18	0.91	+0.70	10.32	+2.11	126	0.91	+0.70	433
Swan Lake	56	27	44	0	-9	0.41	-0.02	10.63	-2.17	83	0.41	-0.02	95
Thompson Falls	57	39	48	1	-21	1.20	+0.90	8.19	-1.27	87	1.20	+0.90	400
West Glacier	64	30	44	0	-9	1.64	+1.21	10.90	-2.79	80	1.64	+1.21	381
NORTH CENTRAL													
Chester	62	22	44	1	-17	0.30	+0.16	6.76	-1.61	81	0.30	+0.16	214
Chinook	67	27	46	7	-16	0.54	+0.32	10.21	+0.33	103	0.54	+0.32	245
Choteau	63	26	45	3	-24	0.69	+0.55	6.00	-2.74	69	0.69	+0.55	493
Cut Bank	60	30	44	2	-14	0.57	+0.43	5.02	-4.58	52	0.57	+0.43	407
Ft Assinniboine	65	28	45	8	-18	0.36	+0.15	10.05	+0.83	109	0.36	+0.15	171
Fort Benton	65	27	45	5	-21	0.39	+0.18	9.27	-1.20	89	0.39	+0.18	186
Goldbutte	65	26	44	0	-18	0.44	+0.22	10.19	-0.33	97	0.44	+0.22	200
Harlem	68	23	47	6	-16	0.41	+0.20	10.24	+0.99	111	0.41	+0.20	195
Havre	66	28	48	13	-9	0.17	-0.01	9.73	+1.38	117	0.17	-0.01	94
Malta	69	29	48	11	-8	0.88	+0.68	11.24	+1.04	110	0.88	+0.68	440
Rudyard	63	22	41	0	-27	0.13	-0.10	10.29	-0.44	96	0.13	-0.10	57
Shelby	60	25	45	1	-22	0.35	+0.19	6.93	-3.00	70	0.35	+0.19	219
Turner	66	27	46	6	-13	0.53	+0.33	9.16	-1.04	90	0.53	+0.33	265
Valier	61	31	45	0	-23	0.81	+0.65	8.13	-1.80	82	0.81	+0.65	506
NORTHEAST													
Bredette	73	29	47	13	-5	1.40	+1.19	13.25	+3.14	13			

Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1961-1990. GDD-Growing degree days